

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/538,916
Source: 1Fws
Date Processed by STIC: 3/30/06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/538,916

CRF Edit Date: 3/30/06
Edited by: hr

— Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

— Corrected the SEQ ID NO. Sequence numbers edited were:

— Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

✓ Deleted: ✓ invalid beginning/end-of-file text ; page numbers

— Inserted mandatory headings/numeric identifiers, specifically:

— Moved responses to same line as heading/numeric identifier, specifically:

✓ Other:

correct wording of C1107 response

re-arranged C1107 and C1207 responses



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/538,916

DATE: 03/30/2006
TIME: 11:25:06

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\03302006\J538916.raw

4 <110> APPLICANT: Nitto Boseki Kabushiki Kaisya
6 <120> TITLE OF INVENTION: Marker Protein for Diagnosis of Liver Disease and Diagnosis
Method
7 of Liver Disease using the Protein
9 <130> FILE REFERENCE: W1359-00
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/538,916
C--> 11 <141> CURRENT FILING DATE: 2005-06-13
11 <150> PRIOR APPLICATION NUMBER: JP 2002-371959
12 <151> PRIOR FILING DATE: 2002-12-24
14 <160> NUMBER OF SEQ ID NOS: 3
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 54
18 <212> TYPE: PRT
19 <213> ORGANISM: Homo sapiens
21 <400> SEQUENCE: 1
22 Ser Ser Ser Tyr Ser Lys Gln Phe Thr Ser Ser Thr Ser Tyr Asn Arg
23 1 5 10 15
24 Gly Asp Ser Thr Phe Glu Ser Lys Ser Tyr Lys Met Ala Asp Glu Ala
25 20 25 30
26 Gly Ser Glu Ala Asp His Glu Gly Thr His Ser Thr Lys Arg Gly His
27 35 40 45
28 Ala Lys Ser Arg Pro Val
29 50
31 <210> SEQ ID NO: 2
32 <211> LENGTH: 68
33 <212> TYPE: PRT
34 <213> ORGANISM: Homo sapiens
36 <400> SEQUENCE: 2
37 Glu Pro Cys Val Glu Ser Leu Val Ser Gln Tyr Phe Gln Thr Val Thr
38 1 5 10 15
39 Asp Tyr Gly Lys Asp Leu Met Glu Lys Val Lys Ser Pro Glu Leu Gln
40 20 25 30
41 Ala Glu Ala Lys Ser Tyr Phe Glu Lys Ser Lys Glu Gln Leu Thr Pro
42 35 40 45
43 Leu Ile Lys Lys Ala Gly Thr Glu Leu Val Asn Phe Leu Ser Tyr Phe
44 50 55 60
45 Val Glu Leu Gly
46 65
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 243
50 <212> TYPE: PRT
51 <213> ORGANISM: Homo sapiens
53 <400> SEQUENCE: 3
54 Asp Glu Pro Pro Gln Ser Pro Trp Asp Arg Val Lys Asp Leu Ala Thr

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Output Set: N:\CRF4\03302006\J538916.raw

55 1 5 10 15
56 Val Tyr Val Asp Val Leu Lys Asp Ser Gly Arg Asp Tyr Val Ser Gln
57 20 25 30
58 Phe Glu Gly Ser Ala Leu Gly Lys Gln Leu Asn Leu Lys Leu Leu Asp
59 35 40 45
60 Asn Trp Asp Ser Val Thr Ser Thr Phe Ser Lys Leu Arg Glu Gln Leu
61 50 55 60
62 Gly Pro Val Thr Gln Glu Phe Trp Asp Asn Leu Glu Lys Glu Thr Glu
63 65 70 75 80
64 Gly Leu Arg Gln Glu Met Ser Lys Asp Leu Glu Glu Val Lys Ala Lys
65 85 90 95
66 Val Gln Pro Tyr Leu Asp Asp Phe Gln Lys Lys Trp Gln Glu Glu Met
67 100 105 110
68 Glu Leu Tyr Arg Gln Lys Val Glu Pro Leu Arg Ala Glu Leu Gln Glu
69 115 120 125
70 Gly Ala Arg Gln Lys Leu His Glu Leu Gln Glu Lys Leu Ser Pro Leu
71 130 135 140
72 Gly Glu Glu Met Arg Asp Arg Ala Arg Ala His Val Asp Ala Leu Arg
73 145 150 155 160
74 Thr His Leu Ala Pro Tyr Ser Asp Glu Leu Arg Gln Arg Leu Ala Ala
75 165 170 175
76 Arg Leu Glu Ala Leu Lys Glu Asn Gly Gly Ala Arg Leu Ala Glu Tyr
77 180 185 190
78 His Ala Lys Ala Thr Glu His Leu Ser Thr Leu Ser Glu Lys Ala Lys
79 195 200 205
80 Pro Ala Leu Glu Asp Leu Arg Gln Gly Leu Leu Pro Val Leu Glu Ser
81 210 215 220
82 Phe Lys Val Ser Phe Leu Ser Ala Leu Glu Glu Tyr Thr Lys Lys Leu
83 225 230 235 240
84 Asn Thr Gln

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/538,916

DATE: 03/30/2006

TIME: 11:25:07

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03302006\J538916.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Raw Sequence Listing before editing (for reference only)



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/538,916

DATE: 03/30/2006

TIME: 09:26:21

Input Set : A:\050337.txt

Output Set: N:\CRF4\03302006\J538916.raw

responses are reversed

4 <110> APPLICANT: Marker Protein for Diagnosis of River Disease and Diagnosis Method
 5 of Liver Disease using the Protein

7 <120> TITLE OF INVENTION: Nitto Boseki Kabushiki Kaisya

9 <130> FILE REFERENCE: W1359-00

C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/538,916

C--> 11 <141> CURRENT FILING DATE: 2005-06-13

11 <150> PRIOR APPLICATION NUMBER: JP 2002-371959

12 <151> PRIOR FILING DATE: 2002-12-24

14 <160> NUMBER OF SEQ ID NOS: 3

16 <210> SEQ ID NO: 1

17 <211> LENGTH: 54

18 <212> TYPE: PRT

19 <213> ORGANISM: Homo sapiens

21 <400> SEQUENCE: 1

22 Ser Ser Ser Tyr Ser Lys Gln Phe Thr Ser Ser Thr Tyr Asn Arg
 23 1 5 10 15

24 Gly Asp Ser Thr Phe Glu Ser Lys Ser Tyr Lys Met Ala Asp Glu Ala
 25 20 25 30

26 Gly Ser Glu Ala Asp His Glu Gly Thr His Ser Thr Lys Arg Gly His
 27 35 40 45

28 Ala Lys Ser Arg Pro Val
 29 50

31 <210> SEQ ID NO: 2

32 <211> LENGTH: 68

33 <212> TYPE: PRT

34 <213> ORGANISM: Homo sapiens

36 <400> SEQUENCE: 2

37 Glu Pro Cys Val Glu Ser Leu Val Ser Gln Tyr Phe Gln Thr Val Thr
 38 1 5 10 15

39 Asp Tyr Gly Lys Asp Leu Met Glu Lys Val Lys Ser Pro Glu Leu Gln
 40 20 25 30

41 Ala Glu Ala Lys Ser Tyr Phe Glu Lys Ser Lys Glu Gln Leu Thr Pro
 42 35 40 45

43 Leu Ile Lys Lys Ala Gly Thr Glu Leu Val Asn Phe Leu Ser Tyr Phe
 44 50 55 60

45 Val Glu Leu Gly
 46 65

48 <210> SEQ ID NO: 3

49 <211> LENGTH: 243

50 <212> TYPE: PRT

51 <213> ORGANISM: Homo sapiens

53 <400> SEQUENCE: 3

54 Asp Glu Pro Pro Gln Ser Pro Trp Asp Arg Val Lys Asp Leu Ala Thr

Does Not Comply
 Corrected Diskette Needed
 see P.2, for

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57 20 25 30
58 Phe Glu Gly Ser Ala Leu Gly Lys Gln Leu Asn Leu Lys Leu Leu Asp
59 35 40 45
60 Asn Trp Asp Ser Val Thr Ser Thr Phe Ser Lys Leu Arg Glu Gln Leu
61 50 55 60
62 Gly Pro Val Thr Gln Glu Phe Trp Asp Asn Leu Glu Lys Glu Thr Glu
63 65 70 75 80
64 Gly Leu Arg Gln Glu Met Ser Lys Asp Leu Glu Glu Val Lys Ala Lys
65 85 90 95
66 Val Gln Pro Tyr Leu Asp Asp Phe Gln Lys Lys Trp Gln Glu Glu Met
67 100 105 110
68 Glu Leu Tyr Arg Gln Lys Val Glu Pro Leu Arg Ala Glu Leu Gln Glu
69 115 120 125
70 Gly Ala Arg Gln Lys Leu His Glu Leu Gln Glu Lys Leu Ser Pro Leu
71 130 135 140
72 Gly Glu Glu Met Arg Asp Arg Ala Arg Ala His Val Asp Ala Leu Arg
73 145 150 155 160
74 Thr His Leu Ala Pro Tyr Ser Asp Glu Leu Arg Gln Arg Leu Ala Ala
75 165 170 175
76 Arg Leu Glu Ala Leu Lys Glu Asn Gly Gly Ala Arg Leu Ala Glu Tyr
77 180 185 190
78 His Ala Lys Ala Thr Glu His Leu Ser Thr Leu Ser Glu Lys Ala Lys
79 195 200 205
80 Pro Ala Leu Glu Asp Leu Arg Gln Gly Leu Leu Pro Val Leu Glu Ser
81 210 215 220
82 Phe Lys Val Ser Phe Leu Ser Ala Leu Glu Glu Tyr Thr Lys Lys Leu
83 225 230 235 240
84 Asn Thr Gln
88 1/1

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